# Mitsubishi A Series/J71UC24 Computer Link

### HMI Factory Setting:

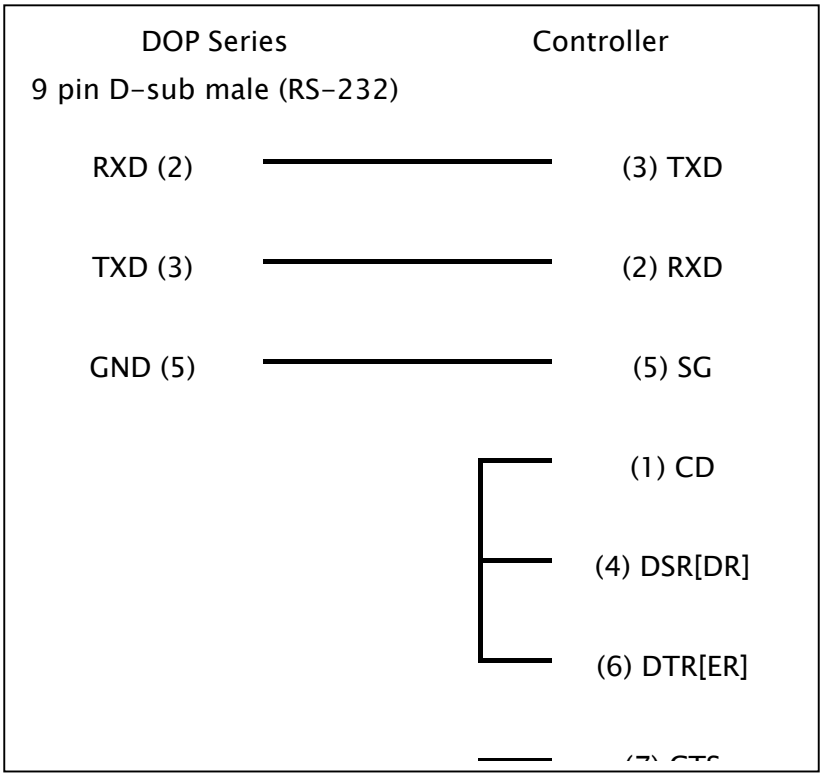
Baud rate: 9600, 8, ODD, 1

Controller Station Number: 0 (Note 1)

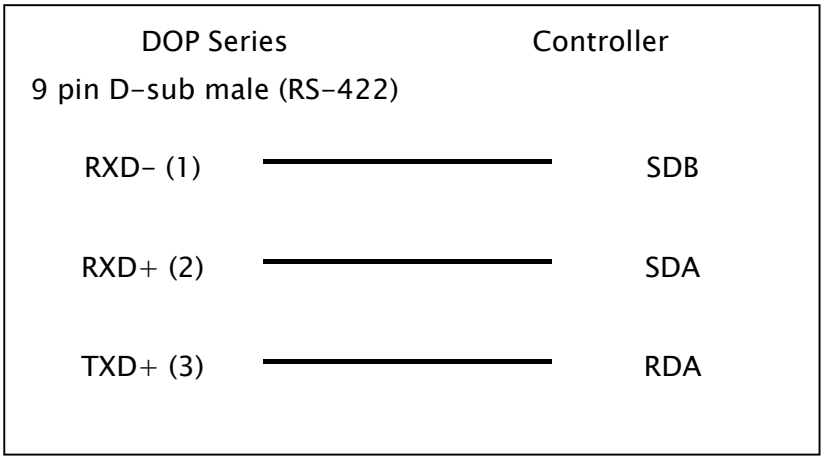
Control Area / Status Area: D0/D10

### Connection

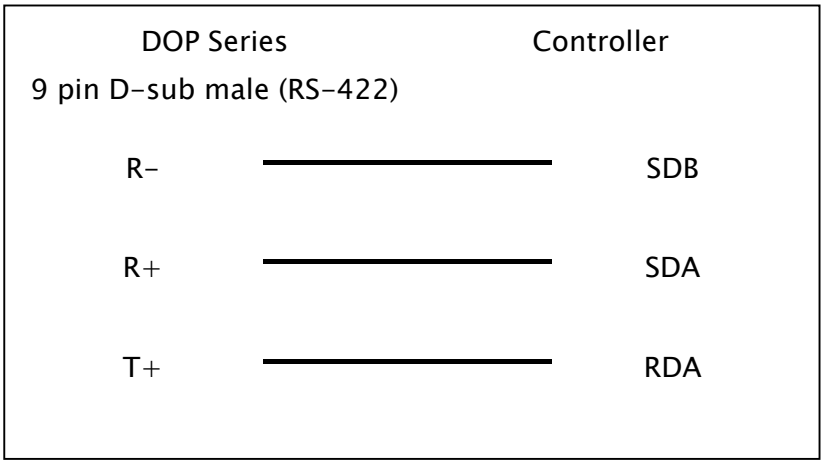
#### a. RS-232 (DOP-A/AE/AS, DOP-B Series)



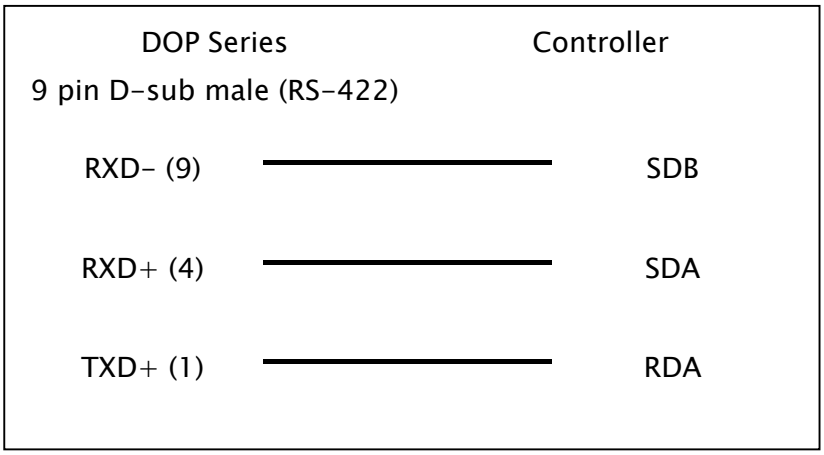

#### b. RS-422 (DOP-A/AE Series)



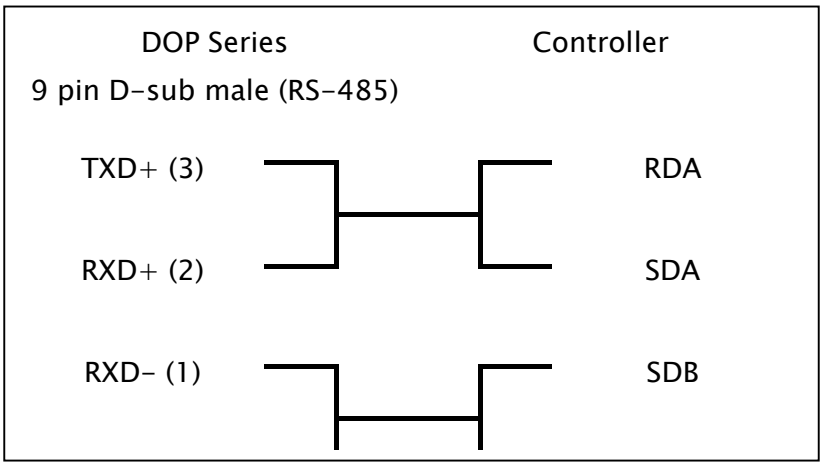
### c. RS-422 (DOP-AS35/AS38/AS57 Series)



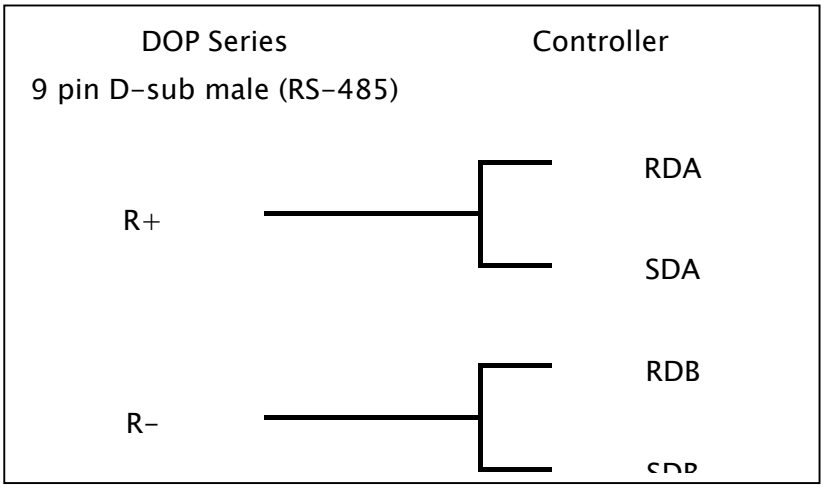

### d. RS-422 (DOP-B Series)



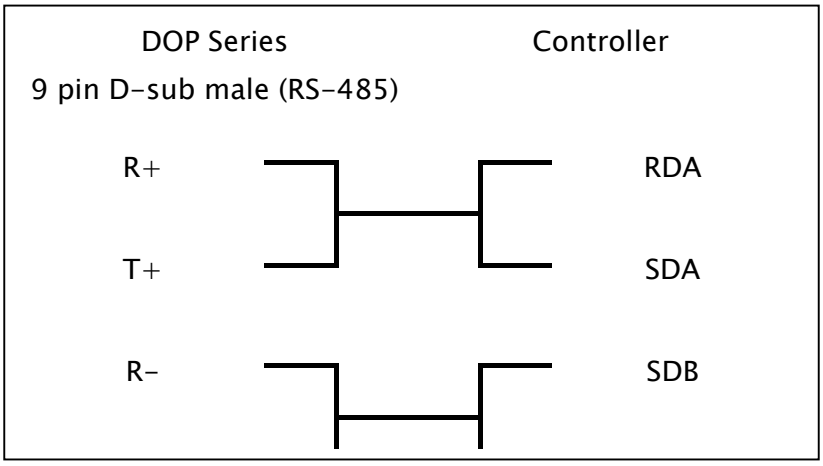

### e. RS-485 (DOP-A/AE Series)



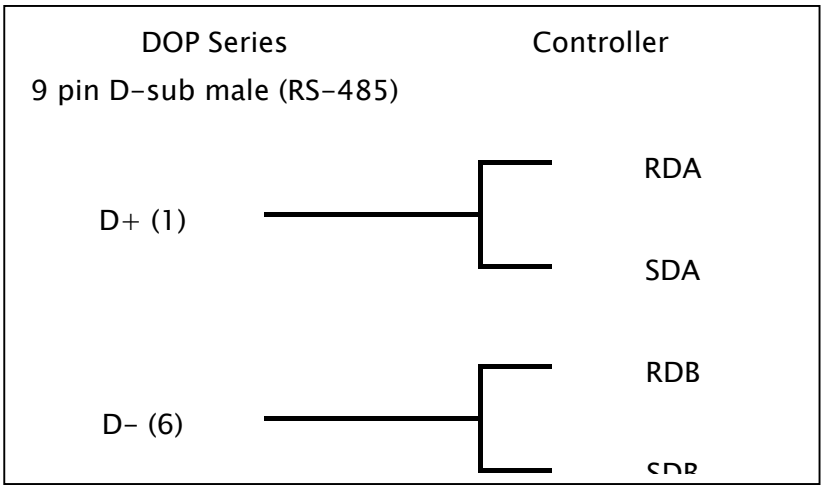
### f. RS-485 (DOP-AS57 Series)




### g. RS-485 (DOP-AS35/AS38 Series)




### h. RS-485 (DOP-B Series)



## Definition of PLC Read/Write Address

### a. Registers

| Type | Format | Read/Write Range | Data Length | Note |
|---|---|---|---|---|
| | Word No. (n) | | | |
| Input | Xn | X0 – X7FF | Word | 3 |
| Output | Yn | Y0 – X7FF | Word | 3 |
| Link Relay | Bn | B0 – BFFF | Word | 3 |
| Internal Relay | Mn | M0 – M8176 | Word | 3 |
| Special Internal Relay | SMn | SM9000 – SM9240 | Word | 4 |
| Latch Relay | Ln | L0 – L2032 | Word | 3 |
| Annunciator | Fn | F0 – F2032 | Word | 3 |
| Timer Value | TNn | TN0 – TN999 | Word | |
| Counter Value | CNn | CN0 – CN999 | Word | |
| Data Register | Dn | D0 – D8191 | Word | |
| Special Data Register | SDn | SD9000 – SD9255 | Word | |
| File Register | Rn | R0 – R8191 | Word | |
| Link Register | Wn | W0 – WFFF | Word | |

### b. Contacts

| Type | Format | Read/Write Range | Note |
|---|---|---|---|
| | Bit No. (b) | | |
| Input | Xb | X0 – X7FF | |
| Output | Yb | Y0 – Y7FF | |
| Link Relay | Bb | B0 – BFFF | |
| Internal Relay | Mb | M0 – M8191 | |
| Special Internal Relay | SMb | SM9000 – SM9255 | |
| Latch Relay | Lb | L0 – L2047 | |
| Annunciator | Fb | F0 – F2047 | |
| Timer Contact | TSb | TS0 – TS999 | |
| Timer Coil | TCb | TC0 – TC999 | |
| Counter Contact | CSb | CS0 – CS999 | |
| Counter Coil | CCb | CC0 – CC999 | |

**NOTE**

1) a. The mode switch setting of AJ71UC24-R2 communication is 4 (Form 4), station number can only be 0.

b. The mode switch setting of AJ71UC24-R4 communication is 8 (Form 4), station number can be determined by switch setting X1/X10.

After PLC communication mode switch is set, please re-activate the PLC.
The protocol is CheckSum and PLC Mode is Form 4. For switch setting of other communication parameter, please refers to Mitsubishi user manual.

2) Parameter is set by the programming software GX Developer, please refers to PLC user manual for set up instruction.

3) Device address should be the multiple of 16.

4) Device address should be the multiple of 16 plus 9000.

5) When certain Output Relay (**Y**) and Special Data Relay (**SM**) are set as 1, PLC will stop function. Please RESET the PLC for re-activation.

6) Though the default setting is in short communication address, this protocol supports both Short/ Long communication address. If only certain type of address is suitable to your device, address format can be changed in special parameter under the setting menu.